Propensity Score Analysis and Its Applications to Social Work Research

The Graduate School of Social Work at the University of Denver is pleased to host a SSWR Summer Quantitative Training Institute

July 28-30, 2010

Shenyang Guo, Ph.D.
School of Social Work
University of North Carolina at Chapel Hill

When randomized clinical trials are infeasible or unethical in practical settings, researchers must rely on statistical approaches to discern treatment effectiveness. In this three-day training, Dr. Shenyang Guo, the co-author of Propensity Score Analysis: Statistical Methods and Applications (2010 by Sage Publications), will review the statistical principles of four propensity score models: (a) greedy propensity score matching, (b) sample selection models, (c) optimal propensity score matching, and (d) kernel-based propensity score matching. The training will illustrate applications of PSA methods to social work research, and offers step-by-step demonstration of running PSA with Stata.

Training Location:
Graduate School of Social Work
University of Denver
Craig Hall Room 448
2148 S High Street
Denver, CO 80208

Program Cost: $475, includes the text Propensity Score Analysis: Statistical Methods and Applications. Laptop required. Evaluation version of Stata will be provided.

This summer institute is directed at faculty and doctoral students with a background in descriptive and inferential statistics as well as multivariate regression.

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For information and registration, go to www.du.edu/socialwork/events/upcomingevents.html
Email Eric.Desmarais@du.edu
Call (703)352-7797 ext 218

Shenyang Guo, Ph.D., is Professor at UNC – Chapel Hill. He has a Ph.D. in Sociology from the University of Michigan. He has expertise in applying advanced statistical models to solving social welfare problems and has taught graduate courses that address event history analysis, hierarchical linear modeling, growth curve modeling, and program evaluation. He has given invited workshops on statistical methods to the NIH Summer Institute, Children’s Bureau, and the Society of Social Work and Research conferences. He is the Director of Applied Statistics Working Group at UNC. He leads the data analysis planning for the National Survey of Child and Adolescent Well-Being (NSCAW) longitudinal analysis. He is also directing the analysis of data from the Making Choices Project, an NIDA funded prevention trial. He has published many articles that include methodological works on the analysis of longitudinal data, multivariate failure time data, program evaluation, and multi-level modeling.